ABSTRACT

    A method of decoding symbols in which a first
codeword has been spread by a second codeword to recover first
information and second information is provided. The decoding
5   occurs jointly, with an overall output determining both the
first and second information. A first parallel code
multiplying operation for each codeword of the second code is
followed by a second parallel code multiplying operation for
the first code. An overall maximum output of the second
10 parallel code multiplying operations determines the output
information.